

OFFICIAL**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

GLENN et al.

Atty. Ref.: 4057-32

Appln. No. 09/257,188

Group Art Unit: 1644

Filed: February 25, 1999

Examiner: G.R. Ewoldt

**FOR: USE OF PENETRATION ENHANCERS AND BARRIER DISRUPTION AGENTS
TO ENHANCE THE TRANSCUTANEOUS IMMUNE RESPONSE**

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SUPPLEMENTAL AMENDMENT

November 22, 2002

RECEIVEDHon. Commissioner for Patents
Washington, D.C. 20231

DEC 16 2002

Sir:

TECH CENTER 1600/2900

Further to the Amendment filed December 31, 2001, entry and consideration of the following amendments and remarks are respectfully requested.

IN THE CLAIMS

Kindly enter the following amended claims.

1. (2x Amended) A method for inducing an antigen-specific immune response in a subject comprising:
 - a. pretreating an area of skin of said subject, whereby said pretreating disrupts at least the skin's stratum corneum but does not penetrate the skin's dermis; and
 - b. applying a formulation to said pretreated area, wherein said formulation comprises:
 - 1) at least one antigen sufficient to induce an antigen-specific immune response against a pathogen,
 - 2) at least one adjuvant present in an amount effective to induce said immune response to said at least one antigen, and
 - 3) a pharmaceutically acceptable carrier, wherein said pretreating enhances skin penetration by said formulation and thereby induces said immune response.